


APPLICANT'S ART CITATION (Use several sheets if necessary) <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold;"> RECEIVED DEC 27 2004 U.S. PATENT & TRADEMARK OFFICE </div> </div>		Application 10/656,648		OFCS File No. P/4169-7			
		Applicant Akio OKAMIYA					
		Filing Date September 4, 2003		Group Art Unit 1773			
U.S. PATENT DOCUMENTS (not submitted for applications filed after 6/30/03)							
Examiner Initials	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate	
REF	US-6,685,356	02-2004	Hirata	384	100	Apr. 4, 2002	
REF	US-6,404,087	06-2002	Ichiyama	310	90	Sep. 29, 2000	
REF	US-5,357,163	10-1994	Minakuchi et al.	310	90	May 6, 1993	
REF	US-6,456,458	09-2002	Ichiyama	360	99.08	Jul. 25, 2001	
REF	US-6,513,979	02-2003	Mori et al.	384	107	Jul. 26, 2001	
REF	US-2002/0158529	10-2002	Liu et al.	310	90.5	Oct. 9, 2001	
REF	US-2003/0048577	03-2003	Kayama et al.	360	99.08	Aug. 26, 2002	
REF	US-2004/0165797	08-2004	Oku et al.	384	119	Mar. 24, 2004	
	US-						
	US-						
FOREIGN PATENT DOCUMENTS							
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Examiner 		Date Considered 6/20/05					
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Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate
REZ	US-4, 115,283	09-1978	Needham	508	107	December 15, 1977
REZ	US-4,196,013	04-1980	Dannenberg, et al.	106	284.05	October 23, 1978
REZ	US-4,466,932	08-1984	Koyama, et al.	264	29.3	December 23, 1982
REZ	US-4,699,573	10-1987	Petrie, et al.	417	370	October 13, 1981
REZ	US-5,236,784	08-1993	Kobayashi, et al.	428	408	May 1, 1992
REZ	US-5,346,737	09-1994	Takahashi, et al.	428	36.9	July 16, 1993
REZ	US-5,360,633	11-1994	Dean	427	220	January 14, 1993
REZ	US-5,432,213	07-1995	Kim, et al.	524	41	September 20, 1993
REZ	US-5,549,394	08-1996	Nowak, et al.	384	282	November 10, 1994
REZ	US-5,641,275	06-1997	Klein, et al.	417	420	January-26, 1995

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	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
REZ	EP 1 344 791 A1	09-2003	EPO				
REZ	JP 2002284553 A	10-2002	Japan			X English Abstract only	
REZ	JP 11021407 A	01-1999	Japan			X English Abstract only	
REZ	JP 10095647 A	04-1998	Japan			X English Abstract only	
REZ	SU 1835412 A1	08-1993	Soviet Union			X English Abstract only	

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Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate	
REZ	US-5,697,709	12-1997	Mori, et al.	384	297	July 18, 1996	
REZ	US-5,730,916	03-1999	Kunzel, et al.	264	29.4	May 31, 1995	
REZ	US-5,762,699	06-1998	McGovern	106	279	May 5, 1997	
REZ	US-5,879,791	03-1999	Kato, et al.	428	295.1	September 25, 1996	
REZ	US-5,916,499	06-1999	Murayama, et al.	264	29.1	September 11, 1997	
REZ	US-6,033,118	03-2000	Asai, et al.	384	115	March 3, 1998	
REZ	US-6,095,770	08-2000	Obata, et al.	417	420	February 19, 1999	
REZ	US-6,109,887	08-2000	Takura, et al.	417	348	March 2, 1998	
REZ	US-6,193,793	02-2001	Long, et al.	106	284.05	June 5, 2005	
REZ	US-6,342,088	01-2002	Klatt, et al.	75	300	September 24, 1999	
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REZ	DE 2345460 A	03-1975	Germany			X English Abstract only	
REZ	JP 10219031	08-1998	Japan			X English Abstract only	
REZ	DE 3627771 A	06-1987	Germany			X English Abstract only	
REZ	EP 182703 A	05-1986	EPO			X English Abstract only	
REZ	JP 5032797 A	02-1993	Japan			X English Abstract only	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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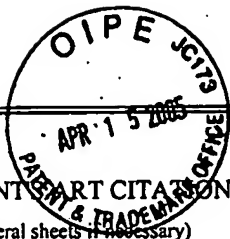
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Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate
REZ	US-6,395,677	05-2002	Hokkirigawa, et al.	502	402	November 21, 2001
REZ	US-6,448,307	09-2002	Medoff, et al.	523	129	June 13, 2000
REZ	US-6,472,042	10-2002	Dibbern, et al.	428	95	August 20, 1996
REZ	US-6,494,928	12-2002	Hokkirigawa, et al.	51	303	May 24, 2002
REZ	US-6,777,360 B2	08-2004	Hokkirigawa, et al.	501	87	February 11, 2002
REZ	US-2003/0183973 A1	10-2003	Hokkirigawa, et al.	264	109	February 28, 2003
REZ	US-2003/0134104	07-2003	Hokkirigawa, et al.	428	317.9	December 12, 2002
REZ	US-2003/0220421	11-2003	Hokkirigawa, et al.	524	9	February 28, 2003
REZ	US-6,550,508 B1	04-2003	Yamaguchi, et al.	152	167	July 26, 2000
REZ	US-5,026,762	06-1991	Kida, et al.	524	495	May 4, 1990

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	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
REZ	2001-89273A JP	04-2001	Japan			X English Abstract Only	
REZ	CN 1301892 A	07-2001	China			X	

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APPLICANT'S PART CITATION
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OFCS File No. P/4169-7

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Group Art Unit 1773

U.S. PATENT DOCUMENTS (not submitted for applications filed after 6/30/03)

Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate
REF	US-5,591,279 A	01-1997	Midorikawa, et al.	152	209.4	May 19, 1994
REF	US-6,573,215 B2	06-2003	Hokkirigawa, et al.	502	402	November 21, 2001
REF	US-2002/0192469 A	12-2002	Hokkirigawa, et al.	428	402	May 24, 2002
REF	US-2002/0175118 A	11-2002	Hokkirigawa, et al.	210	266	May 24, 2002
REF	US-2002/0152694 A1	10-2002	Hokkirigawa, et al.	52	79.9	April 18, 2002
REF	US-2002/0152697 A1	10-2002	Hokkirigawa, et al.	52	173.1	April 18, 2002
REF	US-2002/0174605 A1	11-2002	Hokkirigawa, et al.	51	303	May 24, 2002
REF	US-2002/0174771 A1	11-2002	Hokkirigawa, et al.	96	108	May 24, 2002
REF	US-5,971,614	10-1999	Kane, et al.	384	12	September 8, 1997

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Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate
REZ	US-5,407,280	04-1995	Heinzl, et al.	384	12	June 30, 1993
REZ	US-5,281,032	01-1994	Slocum	384	118	February 4, 1992
REZ	US-4,702,041	10-1987	Alder	451	5	July 9, 1986
REZ	US-4,354,686	10-1982	Imanishi, et al.	277	431	June 27, 1980
REZ	US-4,704,712	11-1987	Siryj	720	676	June 24, 1985
REZ	US-4,749,283	06-1988	Yokomatsu, et al.	384	12	September 10, 1986
REZ	US-5,562,396	10-1996	Yamazaki, et al.	414	676	June 6, 1995
REZ	US-5,692,838	12-1997	Yoshimoto, et al.	384	12	August 16, 1996
REZ	US-4,426,118	01-1994	Mohsin	384	12	November 3, 1981
REZ	US-2002/0054717	05-2002	Zywno	384	12	December 31, 2001
REZ	US-5,281,032	01-1994	Slocum	384	118	February 4, 1992

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